

WATER USAGE LOG FOR BOREHOLE INSTALLATION

WELL NAME: PL-8

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GALLONS DELIVERED PRE-SPUD (FOR MUD MIXING): 5 loads (3,200 gal. Ea.) = 16,000 gallons

DATE	TIME	GALLONS DELIVERED	TOTAL GALLONS	COMMENTS
3/22/99		1 load = 3,200	3,200	Spud.
3/23/99		2 loads = 6,400	9,600	Cemented surface casing to 122'.
3/24/99		2 = 6,400	16,000	Only daily totals are available, mostly from Stewart
3/29/99		3 = 9,600	25,600	Brothers drill reports.
3/30/99		4 = 12,800	38,400	Drilling.
3/31/99		2 = 6,400	44,800	"
4/1/99		1 = 3,200	48,000	"
4/6/99		1 = 3,200	51,200	Total Depth reached (1020').
4/8/99		1 = 3,200	54,400	Installed 4" stainless steel casing.
4/9/99		2 = 6,400	60,800	Installing annular materials.
4/10/99		2 = 6,400	67,200	"
4/11/99		1 = 3,200	70,400	"
4/12/99		1 = 3,200	73,600	Finished installing annular materials (and grouted).
6/10/99		2 = 6,400	80,000	Jetting top screen (#1).
6/15/99		1 = 3,200	83,200	Jetting screen #2.
6/21/99		1 = 3,200	86,400	Jetting screen #2.
6/21/99		2 = 6,400	92,800	Jetting screen #3.
6/21/99		2 = 6,400	99,200	Jetting screen #4.
			115,200	Total amount of water introduced to borehole/well
				through mud mixing, drilling, and development.